

Report Test

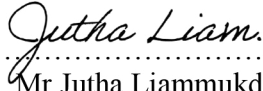
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We erased their address from this document.

LOT No : 0272/2021

Date : 26 August 2021

Determination of Sterilization Operation Specification

Item Detail	Specification	Setting	Result
Chamber Setting Temperature	40.0-55.5 °C	45.0 °C	
Vacuum pressure	40-60 kPa	60 kPa	
Vacuum Time	50-60 min	60 min	
Humidification			
Humidity	50.0-90.0%	20.2 %	
Sterilization			
Sterilization Temperature	40.0-55.5 °C	43.5 °C	
Gas Injection			
Final pressure	0-10 kPa	4 kPa	
Final temperature of vaporizer	40.0-55.5 °C	44.8 °C	
Exposure			
Temperature at start point of Exposure time period	40.0-55.5 °C	43.3 °C	
Temperature at finish point of Exposure time period	40.0-55.5 °C	46.0 °C	
Exposure Time	120-240 min	180 min	
Exhaust			
Exhaust Time	60-80 min	75 min	
First Vacuum pressure	0-2 kPa	1.5 kPa	
Second Vacuum pressure	0-2 kPa	1.5 kPa	
Third Vacuum pressure	0-2 kPa	1.5 kPa	
Fourth Vacuum pressure	0-2 kPa	1.5 kPa	
Fifth Vacuum pressure	0-2 kPa	1.5 kPa	
Storage			
Storage Time	≥ 48 hour	≥ 48 hour	
Chemical Test			
EO sterilization temperature 40-55°C, Time Sterilization by EO 3hours	Blue	Red	Pass
Biological Test			
EZ Test Biological Indicator	Green	Green	Pass


 (.....)
 Mr. Jutha Liamukda
 Research and Development Engineer
 Salamander Jewelry Co., Ltd.

Air replacement:
 Temperature: 45.5°C
 Humidity: 58.3RH
 Pressures: -1.5KPa
 Sterilization time: 0Hour
 Air replace rounds: 1
 round time: 0min(s)
 2021-8-26 16:10

Air replacement:
 Temperature: 46.2°C
 Humidity: 61.8RH
 Pressures: -1.5KPa
 Sterilization time: 0Hour
 Air replace rounds: 2
 round time: 0min(s)
 2021-8-26 17:50

Air replacement:
 Temperature: 45.6°C
 Humidity: 64.3RH
 Pressures: -1.5KPa
 Sterilization time: 0Hour
 Air replace rounds: 3
 round time: 0min(s)
 2021-8-26 17:30

Air replacement:
 Temperature: 46.1°C
 Humidity: 68.1RH
 Pressures: -1.5KPa
 Sterilization time: 0Hour
 Air replace rounds: 4
 round time: 0min(s)
 2021-8-26 17:9

Air replacement:
 Temperature: 45.3°C
 Humidity: 79.0RH
 Pressures: -1.5KPa
 Sterilization time: 0Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 16:49

Sterilization:
 Temperature: 45.8°C
 Humidity: 80.9RH
 Pressures: -0.0KPa
 Sterilization time: 0Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 16:44

Sterilization:
 Temperature: 43.4°C
 Humidity: 77.7RH
 Pressures: -4.7KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 13:45

Sterilization:
 Temperature: 43.5°C
 Humidity: 68.5RH
 Pressures: -4.1KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 13:43

Add E0 gas
 Temperature: 43.6°C
 Humidity: 70.3RH
 Pressures: -4.0KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 13:43

Evacuation
 Temperature: 44.5°C
 Humidity: 66.2RH
 Pressures: -0.0KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 13:38

Keeping Temp
 Temperature: 44.9°C
 Humidity: 20.2RH
 Pressures: -1.5KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 12:38

Keep pressure qualified
 Temperature: 44.1°C
 Humidity: 20.1RH
 Pressures: -58.2KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 12:36

Evacuation
 Temperature: 42.5°C
 Humidity: 20.1RH
 Pressures: -3.0KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 12:25

Heating-up:
 Temperature: 24.4°C
 Humidity: 20.1RH
 Pressures: -3.0KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)
 2021-8-26 11:58

Setting:
 Temperature: 45.0°C
 Humidity: 55.0RH
 Pressures: -60.0KPa
 Sterilization time: 3Hour
 Air replace rounds: 5
 round time: 15min(s)

LINE	Code	Description	LOT	Color	BOX	TOTAL
		2344573				
19	THD-Z-TMLB-1.2-10.0-3	STERILE TITANIUM MICRO LABRET FOR THENDRO	LOT-0272			1500
		2351819				
49	THD-Z-TMLB-1.2-10.0-3	STERILE TITANIUM MICRO LABRET FOR THENDRO	LOT-0272			400
		2361023				
12	PT-Z-XMBN-1-1.2-12.0-3-CL	STERILE BIOFLEX MICRO CURVED BARBELL WITH STEEL BALLS FOR PTIT ROC	LOT-0272			53
		2364501				
1	Z-MLB-1.2-12.0-3	STERILE SURGICAL STEEL MICRO LABRET	LOT-0272			300
		2357986				
13	PT-Z-TMLB-1.2-10.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC	LOT-0272			151
15	PT-Z-TMLB-1.2-8.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC	LOT-0272			226
		2363617				
12	Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM	LOT-0272			509
		154309				
1	Z-BL-1.6-34.0-4	STERILE SURGICAL STEEL BARBELL	LOT-0272			150
2	Z-BL-1.6-44.0-4	STERILE SURGICAL STEEL BARBELL	LOT-0272			150
3	Z-MBL-1.2-8.0-3	STERILE SURGICAL STEEL MICRO BARBELL	LOT-0272			600
5	Z-MCB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL	LOT-0272			200
		154172				
1	Z-MBN-1.2-10.0-3	STERILE SURGICAL STEEL CURVED MICRO BARBELL	LOT-0272			200
		TOTAL				4439